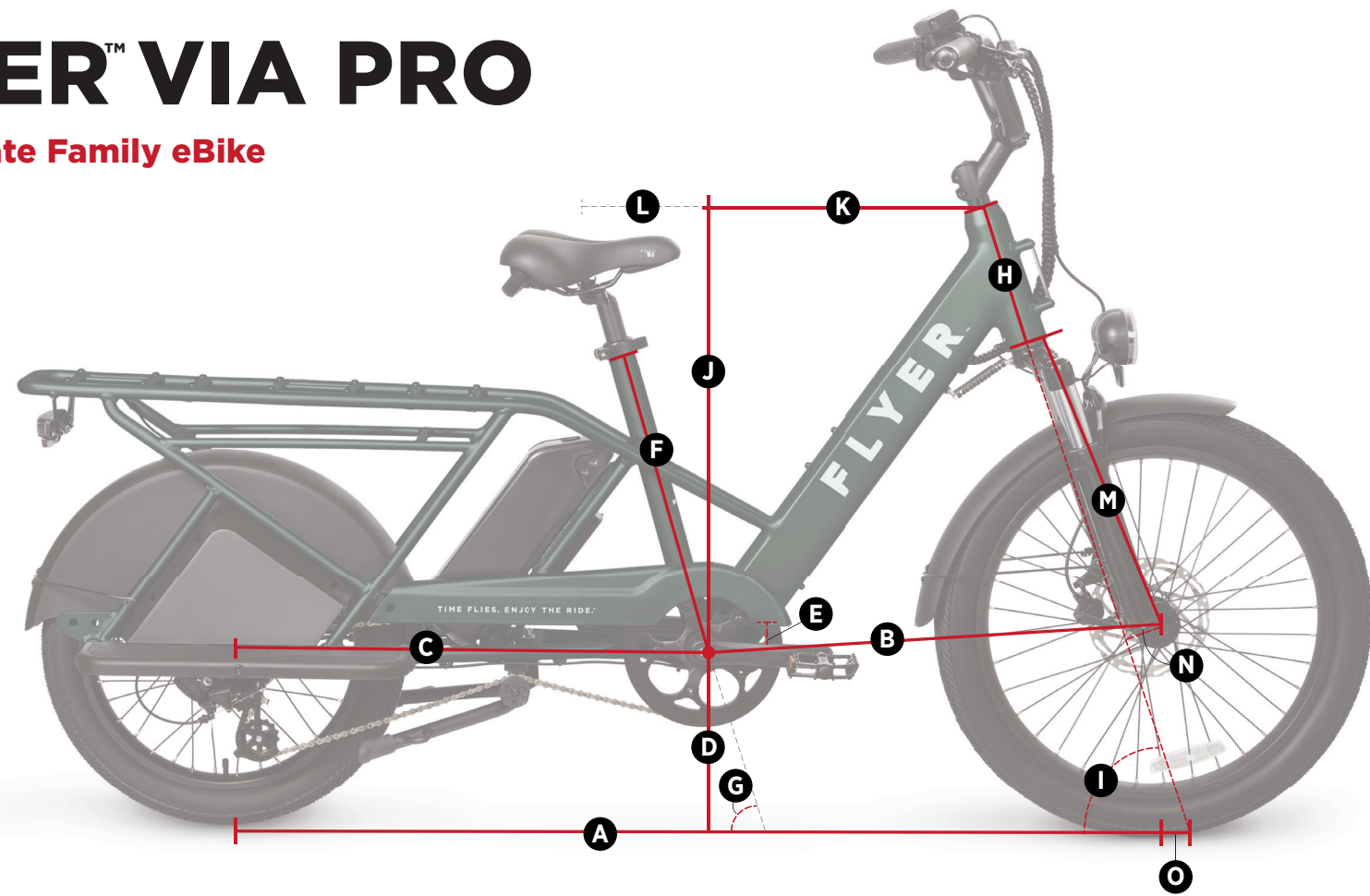


FLYER™ VIA PRO

The Ultimate Family eBike



PRODUCT SPECIFICATIONS

Frame/Fork

Frame	6061 Aluminum Frame, Rear 160mm Post Mount Brake Tab
Fork	RST - 70mm Suspension Fork, Coil Spring, Preload Adjustment Tapered Steerer 1-1/2" to 1-1/8"; 460mm Axle-to-Crown Length, 43mm Rake, Post Mount 180mm Brake Tab

Cockpit Components

Handle Bar	710mm Wide, 31.8mm Clamp, 125mm Rise, 15° Back Sweep
Grips	Radio Flyer Rubber/Aluminum Clamp On
Stem	90mm Length, 45° Fixed Angle, 31.8mm clamp
Seat Post	31.6mm Diameter, 350mm length, 20mm offset
Saddle	Selle Royal Freeway Gel -186mm Width
Headset	44mm - Zero Stack, Tapered 1-1/2" to 1-1/8" - Sealed Bearing

Brakes

Lever	TektroHD-E350 Hydraulic Lever with power cut-off sensor
Caliper	Tektro HD-E350 Hydraulic Caliper with Green Organic Pads

Rotor	Tektro 180 mm
Wheels	
Rims	Alloy Double Wall (36H Front) (36H Rear)
Hub	Front 15mm Thru Axle, / Rear 12mm Axle 18mm Nut, Sealed Bearing, Hub Motor
Tire	Front 24" x 2.4" - Rear 20" x 2.4" - Kenda Puncture Resistant

Drive Train

Motor System	750W Brushless Hub Motor
Battery Pack	48V 15Ah (687Wh) UL Tested Lithium-Ion Samsung 50E 21700 Cells
Shift Lever	Shimano SL-M315 - 8 Speed Trigger Shifter
Rear Derailleur	Shimano RD-M310 8-Speed Derailleur
Crank Arm	170mm Forged Alloy
Chain Ring	52T / Dual Sided Guard
Cassette	CS-HG31-8 11-32T 8 Speed Cassette
Chain	KMC Z8 Speed
Pedal	Welgo Alloy - Integrated Reflectors, CrMo axle, 9/16" x 20 TPI Threads

Extras

Head Light	Hi Intensity LED, with LED halo
Taillight	LED with Integrated Brake Light and Turn Signal Functions
Fender	Front Fender and Rear Fender with Side Covers Included
Kickstand	Rigid, 2 Leg Center Stand

FLYER™
BY RADIO FLYER

Bike Geometry

		SMALL	MEDIUM	LARGE
A	Wheel Base	1313mm	1348mm	1383mm
B	Front Center	620mm	655mm	690mm
C	Rear Center /Chain Stay Length	694mm	695mm	696mm
D	Bottom Bracket Height	285mm	285mm	285mm
E	Bottom Bracket Drop (From Front Wheel)	40mm	40mm	40mm
F	Seat Tube Length	380mm	450mm	505mm
G	Seat Tube Angle	73°	73°	73°
H	Head Tube Length	180mm	205mm	220
I	Head tube Angle	69.5°	69.5°	69.5°
J	Frame Stack	583mm	606mm	637mm
K	Frame Reach	368mm	394mm	422mm
L	Effective Top Tube Length	548mm	581mm	614mm
M	Fork Length - Axle To Crown -Sagged	445mm	446mm	446mm
N	Fork Rake/Offset	42mm	42mm	42mm
O	Trail	69mm	69mm	69mm

Bike Overall Dimensions

	SMALL	MEDIUM	LARGE
Bike Total Length	75"	76.5"	78"
Bike Width (Handle Bar Width)	29.5"	29.5"	29.5"
Bike Height	45.5"	46.5"	47.5"
Rear Rack Height	25.5"	25.5"	25.5"
Rear Rack Length	28.5"	28.5"	28.5"
Rear Rack Cargo Capacity	150lbs	150lbs	150lbs
Front Cargo Capacity	25lbs	25lbs	25lbs
Max Gross Vehicle Weight Rating	400lbs	400lbs	400lbs
Bike Weight without AC814 Kid & Cargo Hoop	73lbs	74lbs	85lbs
Bike Weight with AC814 Kid & Cargo Hoop	84lbs	84lbs	85lbs

Rider Fit

	SMALL	MEDIUM	LARGE
Saddle Height from Ground (Top of hip should be in range)	29.5" - 37.5"	32.5" - 40.5"	34.5" - 42.5"
Standover Height (Should be able to step over)	18.5"	18.5"	18.5"
Handlebar Height from Ground	43.5" - 44.5"	44" - 45"	44.5" - 45"
Max Rider Weight	220lbs	220lbs	220lbs
Recommended Minimum Rider Height	4' 10"	5'3"	5'10"
Recommended Maximum Rider Height	5'10"	6'3"	6'10"